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NOV 04 2005

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7590

09/08/2005

Anthony P. Onello, Jr.
 MILLS & ONELLO LLP
 Suite 605
 Eleven Beacon Street
 Boston, MA 02108

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I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

Vanessa Marakas

(Depositor's name)

Vanessa Marakas

(Signature)

11-2005

(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/671,105	09/25/2003	Kyoung-Hwan Kwon	SAM-0474	7243

TITLE OF INVENTION: SEMICONDUCTOR DEVICE COMPRISING FREQUENCY MULTIPLIER OF EXTERNAL CLOCK AND OUTPUT BUFFER OF TEST DATA AND SEMICONDUCTOR TEST METHOD

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$1700	12/08/2005

EXAMINER	ART UNIT	CLASS-SUBCLASS
WELLS, KENNETH B	2816	327-116000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
- ☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
- (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 MILLS AND ONELLO, LLP

2 _____

3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Samsung Electronics, Co., Ltd.

Republic of Korea

11/07/2005 MBERHE1 00000007 10671105
 01 FC:1501
 02 FC:1504
 03 FC:18001

1400.00 OP
 300.00 OP
 30.00 OP

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are enclosed:

- ☒ Issue Fee
- ☒ Publication Fee (No small entity discount permitted)
- ☒ Advance Order - # of Copies 10

4b. Payment of Fee(s):

- ☒ A check in the amount of the fee(s) is enclosed.
- ☐ Payment by credit card. Form PTO-2038 is attached.
- ☐ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

Anthony P. Onello, Jr.

Date

November 2, 2005

Typed or printed name Anthony P. Onello, Jr.

Registration No. 38,572

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Kyoung-hwan Kwon, *et al.*
U.S. Serial No.: 10/671,105
Filing Date: September 25, 2003
Examiner: Wells, Kenneth B.
Group Art Unit: 2816
Date of Notice of Allowance: September 8, 2005
Title: SEMICONDUCTOR DEVICE COMPRISING
FREQUENCY MULTIPLIER OF EXTERNAL CLOCK
AND OUTPUT BUFFER OF TEST DATA AND
SEMICONDUCTOR TEST METHOD

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8

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11-2-05

Date

Vanessa Marakas

Vanessa Marakas

Mail Stop Issue Fee
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL LETTER

Sir:

Enclosed herewith for filing in the above-identified patent application please find the following:

1. Fee(s) Transmittal PTOL-85;
2. Check in the amount of \$1,730.00 to cover Issue Fee, ten (10) advance-order copies of the printed patent and the Publication Fee; and
3. Return Postcard

In connection with the foregoing matter, please charge any additional fees which may be due, or credit any overpayment, to Deposit Account Number 50-1798. A duplicate copy of this letter is provided for this purpose.

Respectfully submitted,

Date: November 2, 2005
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